

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-307755

(43)Date of publication of application : 23.10.2002

(51)Int.Cl.

B41J 2/525
B41J 2/01
B41J 2/175
B41J 2/21
B41J 29/00
B41M 5/00
H04N 1/23

(21)Application number : 2001-115835

(71)Applicant : SEIKO EPSON CORP

(22)Date of filing : 13.04.2001

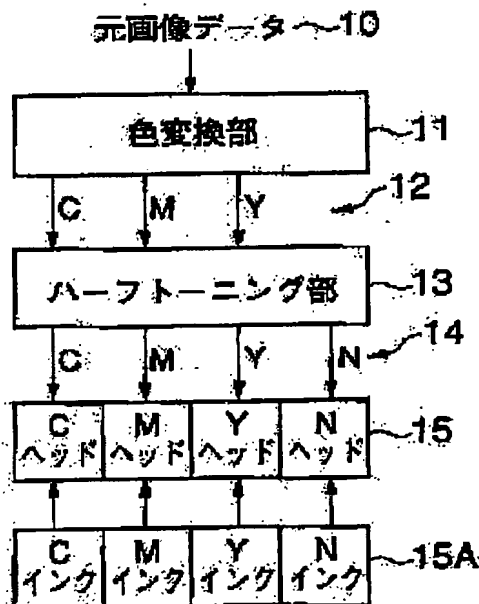
(72)Inventor : TAKABAYASHI NOBUHISA
HAYAISHI YASUHISA
FUJIO MASAYASU
HATTA ATSUSHI

(54) PRINT SYSTEM USING PIGMENT-BASED INK, PRINTING METHOD AND PRINTED MATTER

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce unevenness of gloss on the surface of a printed matter using a pigment-based ink.

SOLUTION: The part where adhesion of ink varies abruptly is eliminated by suppressing an extremely bright or dark color of image data so that the lightness does not vary abruptly. Alternatively, reflectivity on the surface of a printed matter is brought close to that of ink by improving the ink material or the surface material of the printed matter. Alternatively, ink is rendered to be absorbed easily into the printed matter by atomizing the pigment particles of ink or making fine holes in the surface of the printed matter. Alternatively, transparent (N) ink or white (W) ink is applied to a white area applied with no colored ink of CMY. Alternatively, the print face is covered with a coat layer by spraying coating agent to the surface of the printed matter or pasting a coat film thereto. Alternatively, reflection of light is prevented by forming micro protrusions and recesses on the print face of the printed matter.



LEGAL STATUS

[Date of request for examination]

18.04.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision
of rejection]
[Date of requesting appeal against examiner's
decision of rejection]
[Date of extinction of right]